Note : Reserve Qty - Claimed after modified file Approval.

BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA SUB DIVISION

TOTAL ABSTRACT

Name Of work : Package 2 Consists of 3 Works of Rs.1100.00 Lakhs

1 Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

2 Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

3 Improvements to roads and drains at Hegdenagar and surrounding area in Ward No 06 Byatarayanapura sub division

Job Code :

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :- First and Part Bill

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5=69.80						
E1	Kogilu and surrounding area Page 1 to 9			898.60			
E2	Agrahara and surrounding area page 1 to 9			880.63			
E3	Hegdenagar and surrounding area page 1 to 14			1502.09			
	Present Qty			3281.32			
	Total			3281.32			
	BOQ qty			8443.14			
	Qty to be paid	**Cum**		**3281.32**	**234.00**	**7,67,829.00**	
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.27, I.No.5.33 of PW, P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area page 1 to 2			517.73			
E2	Agrahara and surrounding area page 1 to 2			425.40			
E3	Hegdenagar and surrounding area page 2-3			1052.88			
	Present Qty			1996.01			
	Total			1996.01			
	BOQ qty			5845.36			
	Qty to be paid	**Sqm**		**1996.01**	**112.00**	**2,23,553.00**	
3	Removing and resetting of footpath slab (P.No.270, I.No.37.56 of PW, P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area page 3 to 5			1514.79			
E2	Agrahara and surrounding area page 3			94.17			
E3	Hegdenagar and surrounding area page-3-3			450.33			
	Present Qty			2059.29			
	Total			2059.29			
	BOQ qty			753.30			
	Quantity Reserved for Approval in 1st RA Bill			1305.99			
	Qty to be paid	**Sqm**		**753.30**	**210.00**	**1,58,193.00**	
4	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.27, I.No.5.31.1 of PW, P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area			0.00			
E2	Agrahara and surrounding area			0.00			
E3	Hegdenagar and surrounding area			0.00			
	Present Qty			0.00			
	Total			3313.48			
	BOQ qty			0.00			
	Qty to be paid	**Sqm**		**0.00**	**819.00**	**0.00**	

Tejus Consultant

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA SUB DIVISION

TOTAL ABSTRACT

Name Of work : Package 2 Consists of 3 Works of Rs.1100.00 Lakhs

Improvements to roads and drains at Kogilu and surrounding area in Ward No 05 Byatarayanapura sub division

Improvements to roads and drains at Agrahara and surrounding area in Ward No 05 Byatarayanapura sub division

Improvements to roads and drains at Hegdenagar and surrounding area in Ward No 06 Byatarayanapura sub division

Sub Code :

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :- Second and Part Bill

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5=69.80						
E1	Kogilu and surrounding area			298.49			
E2	Agrahara and surrounding area			2623.79			
E3	Hegdenagar and surrounding area			734.18			
	Previous Qty			3281.32			
	Present Qty			3656.46			
	Total			6937.78			
	BOQ qty			8443.14			
	Qty to be paid	**Cum**		3656.46	**234.00**	**8,55,611.00**	
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.27, I.No.5.33 of PW, P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area			0.00			
E2	Agrahara and surrounding area			1160.59			
E3	Hegdenagar and surrounding area			140.49			
	Previous Qty			1996.01			
	Present Qty			1301.08			
	Total			3297.09			
	BOQ qty			5845.36			
	Qty to be paid	**Sqm**		1301.08	**112.00**	**1,45,721.00**	
3	Removing and resetting of footpath slab (P.No.270, I.No.37.56 of PW, P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area			0.00			
E2	Agrahara and surrounding area			1678.47	Reserved Qty		
E3	Hegdenagar and surrounding area			1736.01			
	Previous Qty			2059.29	1st & part -	1381.99	
	Present Qty			3414.48	2nd & part -	3414.48	
	Total			5473.77		4720.47	
	BOQ qty			753.30			
	Quantity Reserved for Approval in 1st RA Bill			1305.99	Claimed in 5th & final Bill		
	Quantity Reserved for Approval in 2nd RA Bill			3414.48			
	Qty to be paid	**Sqm**		0.00	**210.00**	**0.00**	
4	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.27, I.No.5.31.1 of PW, P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area			1031.40			
E2	Agrahara and surrounding area			1234.85			
E3	Hegdenagar and surrounding area			0.00			
	Previous Qty			0.00			
	Present Qty			2266.25			

Tejus Consultant

Assistant Engineer

Assistant Executive Engineer

2nd & part Bill

No	Description	Unit		Qty	Rate	Amount	Remarks
	Total			2266.25			
	BOQ qty			3313.48		18,56,055.00	
	Qty to be paid	Sqm		2266.25	819.00	18,56,055.00	
5	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 408 (P.No.254, I.No.34.1 of PW,P&IWTD S.R 2018-19)						
E1	Kogilu and surrounding area			2.82			
E2	Agrahara and surrounding area			0.00			
E3	Hegdenagar and surrounding area			0.00			
	Previous Qty			0.00			
	Present Qty			2.82			
	Total			2.82			
	BOQ qty			9.24		12,735.00	
	Qty to be paid	Cum		2.82	4516.00	12,742.00	
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar & stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, HOM, curing complete as per specifications. KBS 5.1.13. cement mortar 1:6(P.No.255, I.No.34.8.2 of PW, P&IWTD S.R 2018-19)						
E1	Kogilu and surrounding area			7.08			
E2	Agrahara and surrounding area			0.00			
E3	Hegdenagar and surrounding area			5.77	3.13	Reserved	
	Previous Qty			0.00			
	Present Qty			12.85	Claimed in 5th & final Bill		
	Total			12.85			
	BOQ qty			9.72			
	Quantity Reserved for Approval in 2nd RA Bill			3.13			
	Qty to be paid	Cum		9.72	4910.00	47,725.00	
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM, curing complete as per specifications.Specification No. KBS 4.1, 4.2(P.No 255, I.No.34.11 of PW,P&IWTD S.R 2018-19)						
E1	Kogilu and surrounding area			1.88			
E2	Agrahara and surrounding area			3.02			
E3	Hegdenagar and surrounding area			2.55	5.30	Reserved	
	Previous Qty			0.00			
	Present Qty			7.46	Claimed in 5th & final Bill		
	Total			7.46			
	BOQ qty			2.16			
	Quantity Reserved for Approval in 2nd RA Bill			5.30			
	Qty to be paid	Cum		2.16	5645.00	12,193.00	

Tejus Consultant

Assistant Engineer

Assistant Executive Engineer

Total Abstract

Fourth & part Bill

BOQ Item No.	Description	Unit		Qty	Rate	Amount	Remarks
19	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)						
E1	Kogilu and surrounding area			608.40			
E2	Agrahara and surrounding area			1190.85			
E3	Hegdenagar and surrounding area			900.43			
	Previous Qty			930.63			
	Present Qty			2699.67			
	Total			3630.30			
	BOQ qty			4370.50		1236453.00	
	Qty to be paid	**Sqm**		2699.67	458.00	12,36,449.00	
20	KSRRB M600-1. Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8 10 tonnes vibratory roller, finishing and curing. complete as per specifications. . MORTH V Revision Specification No. 601, IS 456 Table-5. with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver .((P.No.174, I.No.22.1.2 of PW,P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area			0.00			
E2	Agrahara and surrounding area			156.58			22.10 Reserved
E3	Hegdenagar and surrounding area			0.00			
	Previous Qty			235.34			Claimed in 5th & final Bill
	Present Qty			156.58			
	Total			391.92			
	BOQ qty			369.82			
	Quantity Reserved for Approval in 4th RA Bill			22.10			
	Qty to be paid	**cum**		134.48	3730.00	5,01,610.00	

BENKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Tejus Consultant

Assistant Engineer

Assistant Executive Engineer

1st ↳ page.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
20	KSRRB M600-1. Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8 10 tonnes vibratory roller, finishing and curing complete as per specifications. . MORTH V Revision Specification No. 601, IS 456 Table-5. with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver .((P.No.174, I.No.22.1.2 of PW,P&IWTD SR 2018-19)						
E1	Kogilu and surrounding area			0.00			
E2	Agrahara and surrounding area page 21 to 22			235.34			
E3	Hegdenagar and surrounding area			0.00			
	Present Qty			235.34			
	Total			235.34		8,77,818.00	
	BOQ qty			369.82		(8,77,830.00)	
	Qty to be paid	**cum**		**235.34**	**3730.00**		
21	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. (P.No-182,I No-22.6.1)						
E1	Kogilu and surrounding area			0.00			
E2	Agrahara and surrounding area			0.00			
E3	Hegdenagar and surrounding area			0.00			
	Present Qty			0.00			
	Total			0.00			
	BOQ qty			369.82			
	Qty to be paid	**Cum**		**0.00**	**5202.00**	**0.00**	
					Total Amount (Rs.)	**1,76,07,923.00**	1,76,07,917.00
					Add 12% GST	**21,12,950.76**	21,12,950.04
					Grand Total Amount(Rs.)	**1,97,20,873.76**	1,97,20,867.04
							Round off 1,97,20,000.00

Tejus Consultant

Assistant Engineer

Assistant Executive Engineer

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Total Abstract

Fourth & Part

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
21	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. (P.No-182,I No-22.6.1)						
E1	Kogilu and surrounding area			0.00			
E2	Agrahara and surrounding area			390.53			
E3	Hegdenagar and surrounding area			0.00			
	Previous Qty			0.00	20.71. Reserved Claimed in 5th & final Bill		
	Present Qty			390.53			
	Total			390.53			
	BOQ qty			369.82			
	Quantity Reserved for Approval in 4th RA Bill			20.71			
	Qty to be paid	**Cum**	Paid -	369.82	5202.00	19,23,804.00	
					Total Amount (Rs.)	3,13,70,185.00	31370251.00
					Add 12% GST	37,64,422.20	3764430.12
					Grand Total Amount(Rs.)	3,51,34,607.20	35134681.12
					Round Off		35130000.00

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Tejus Consultant

Assistant Engineer

Assistant Executive Engineer